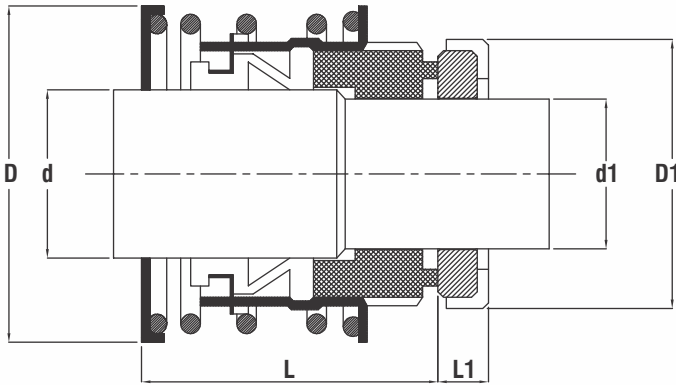


RS2B

BALANCED ELASTOMER DIAPHRAGM SEAL



TYPE 2B DIMENSIONAL DATA (INCHES):

| Seal Size/D1 (inches) | D2 | D3 | D4 | L3 | L65 |
|-----------------------|-------|-------|-------|-------|-------|
| 1.000 | 0.875 | 1.812 | 2.000 | 1.312 | 0.343 |
| 1.125 | 1.000 | 1.937 | 2.125 | 1.375 | 0.343 |
| 1.250 | 1.125 | 2.062 | 2.250 | 1.375 | 0.343 |
| 1.375 | 1.250 | 2.250 | 2.437 | 1.437 | 0.343 |
| 1.500 | 1.375 | 2.375 | 2.562 | 1.437 | 0.343 |
| 1.625 | 1.500 | 2.718 | 2.937 | 1.750 | 0.437 |
| 1.750 | 1.625 | 2.750 | 3.062 | 1.750 | 0.437 |
| 1.875 | 1.750 | 2.875 | 3.187 | 1.875 | 0.437 |
| 2.000 | 1.875 | 3.000 | 3.312 | 1.875 | 0.437 |
| 2.125 | 2.000 | 3.250 | 3.625 | 2.062 | 0.500 |
| 2.250 | 2.125 | 3.375 | 3.750 | 2.062 | 0.500 |
| 2.375 | 2.250 | 3.500 | 3.875 | 2.187 | 0.500 |
| 2.500 | 2.375 | 3.625 | 4.000 | 2.187 | 0.500 |
| 2.625 | 2.500 | 3.875 | 4.312 | 2.312 | 0.562 |
| 2.750 | 2.625 | 4.000 | 4.437 | 2.312 | 0.562 |
| 2.875 | 2.750 | 4.125 | 4.562 | 2.437 | 0.562 |
| 3.000 | 2.875 | 4.250 | 4.687 | 2.437 | 0.562 |
| 3.125 | 2.875 | 4.562 | 5.000 | 2.562 | 0.625 |
| 3.250 | 3.000 | 4.687 | 5.125 | 2.562 | 0.625 |
| 3.375 | 3.125 | 4.812 | 5.250 | 2.562 | 0.625 |
| 3.500 | 3.250 | 4.937 | 5.500 | 2.562 | 0.625 |
| 3.625 | 3.375 | 5.125 | 5.687 | 2.687 | 0.625 |
| 3.750 | 3.500 | 5.250 | 5.812 | 2.687 | 0.625 |
| 3.875 | 3.625 | 5.437 | 6.000 | 2.812 | 0.625 |
| 4.000 | 3.750 | 5.562 | 6.125 | 2.812 | 0.625 |

FEATURES & BENEFITS:

- ▶ Mechanical Drive - Eliminates over stressing of the elastomer bellows.
- ▶ Self Aligning Capability - Automatic adjustment compensates for abnormal shaft end play runout, primary ring wear & equipment tolerances.
- ▶ Special Balancing - Allows operation at higher pressures.
- ▶ Non-Clogging, Single Coil Spring - Not affected by build up of solids.

OPERATING LIMITS:

- ▶ **Pressure:**
 - ▶ 2B: upto 83 bars g/1200 psig
- ▶ **Temperature:**
 - ▶ -40°F to 400°F / -40°C to 205°C (depending on material used)

MATERIALS OF CONSTRUCTION:

| SEAL COMPONENTS | MATERIALS | |
|-------------------------------------------------|----------------------|----------------------------------------------------------------------------|
| | STANDARD | OPTIONS |
| Face / Primary Ring | Carbon | Antimony - Impregnated Carbon Tungsten Carbide Silicon Carbide |
| Retainer Drive Band Disc Spring Holder | 18-8 Stainless Steel | Monel® Alloy 20 CB-3 Stainless Steel 316 Stainless Steel |
| Bellows | Buna-N | Aflas® Fluoroelastomer Ethylene Propylene Neoprene® (Chloroprene) |
| Springs | 18-8 Stainless Steel | Monel Alloy 20 CB-3 Stainless Steel 316 Stainless Steel |